

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050018878".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 10:45
S2	9	(4158835 4736441 4783825 5912698 6289109).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 11:43
S4	359	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 11:45
S5	497	382/170.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 11:45
S6	1395	382/190.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 11:45
S7	364	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:58
S8	521	382/170.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:57
S9	261	382/172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:57

## EAST Search History

S10	1443	382/190.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:58
S11	926	382/203.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:58
S12	312	S7 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 09:06
S24	364	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 16:40
S25	312	S24 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 16:40
S26	398	air adj mail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 09:06
S27	208	S26 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 10:21
S28	171217	intersect\$3 with line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 10:17

## EAST Search History

S29	1	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 10:18
S30	76168	extract\$3 with line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 10:19
S31	1175	S28 same S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 10:20
S32	90	S31 and histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 10:20
S33	72	S32 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 10:21
S34	381	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:39
S36	17	S34 and @pd>="20070426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 14:47
S37	364	S34 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 16:31

## EAST Search History

S38	903	angle with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 16:33
S39	506	angle near4 histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 16:32
S40	141	angle with (line or segment) with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 16:33
S41	2	"4783825".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 13:46
S42	2	((extract\$3 or identify\$3) near4 (line or segment)) with angle with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 13:49
S43	133	((extract\$3 or identify\$3) near4 (line or segment)) and (angle with histogram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 13:49
S44	198	((extract\$3 or identify\$3) near4 (line or segment)) and ((angle or orientation) with histogram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:33
S45	99	"Extracting Straight Lines"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:33

## EAST Search History

S46	5	"Extracting Straight Lines" and Riseman and Hanson and Burns	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:35
S47	11	"Extracting Straight Lines" and (Riseman or Hanson or Burns)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:35
S48	2	"20050018878".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S49	9	(4158835 4736441 4783825 5912698 6289109).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S50	395	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S51	564	382/170.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S52	1689	382/190.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S53	395	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52

## EAST Search History

S54	564	382/170.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S55	287	382/172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S56	1689	382/190.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S57	986	382/203.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S58	317	S53 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S59	395	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S60	317	S59 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S61	420	air adj mail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52

## EAST Search History

S62	214	S61 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S63	182250	intersect\$3 with line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S64	1	S62 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S65	81988	extract\$3 with line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S66	1278	S63 same S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S67	99	S66 and histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S68	74	S67 and @ad<="20030721"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S69	395	382/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52

## EAST Search History

S70	31	S69 and @pd>="20070426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S71	364	S69 not S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S72	948	angle with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S73	532	angle near4 histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S74	148	angle with (line or segment) with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S75	2	"4783825".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S76	4	((extract\$3 or identify\$3) near4 (line or segment)) with angle with histogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S77	137	((extract\$3 or identify\$3) near4 (line or segment)) and (angle with histogram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52



## EAST Search History

S78	207	((extract\$3 or identify\$3) near4 (line or segment)) and ((angle or orientation) with histogram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S79	101	"Extracting Straight Lines"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S80	5	"Extracting Straight Lines" and Riseman and Hanson and Burns	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S81	12	"Extracting Straight Lines" and (Riseman or Hanson or Burns)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 19:52
S82	8	daniel near paquette	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 20:12
S83	4	daniel near r near paquette	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 20:14
S84	8	daniel near2 paquette	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 20:14
S85	4	richard near2 vanhall	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/16 20:15

## EAST Search History

S86	1427	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same angle\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:20
S87	1	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same angle\$2) and airmail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:21
S88	5	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same angle\$2) and chevron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:21
S89	1119	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same angle\$2) and (intersect\$5 or crisscross\$3 or crosscut\$4 or decussat\$3 or cross\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:26
S90	1119	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same angle\$2) and (intersect\$5 or crisscross\$3 or crosscut\$4 or decussat\$3 or cross\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:26
S91	1097	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same (angle\$2 or orientation\$3)) and ((intersect\$5 or crisscross\$3 or crosscut\$4 or decussat\$3 or cross\$3) same (line\$2 or segment\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:28
S92	10139	382/101,170-172,175,181-184,190-203. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:31
S93	109	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:31
S94	3	("4388610"   "4644583"   "4747153").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/16 20:34

## EAST Search History

S95	7	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same (angle\$2 or orientation\$3)) and ((intersect\$5 or crisscross\$3 or crosscut\$4 or decussat\$3 or cross\$3) same (line\$2 or segment\$2)) and postal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:49
S96	58	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same (angle\$2 or orientation\$3)) and ((intersect\$5 or crisscross\$3 or crosscut\$4 or decussat\$3 or cross\$3) same (line\$2 or segment\$2)) and envelop\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:52
S97	78	((extract\$3 or identif\$4) near4 (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same (angle\$2 or orientation\$3)) and ((intersect\$5 or crisscross\$3 or crosscut\$4 or decussat\$3 or cross\$3) same (line\$2 or segment\$2)) and (envelop\$3 or mail\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 20:52
S98	7	("20020196977"   "5638116"   "5642442"   "5770841"   "6137893"   "6201901"   "6901167").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/16 21:02
S99	81	((extract\$3 or identif\$4) same (edge\$2 or contour\$3 or boundar\$3) near (line\$2 or segment\$2) same (collinear or straight)) and ((line\$2 or segment\$2) same (angle\$2 or orientation\$3)) and ((intersect\$5 or crisscross\$3 or crosscut\$4 or decussat\$3 or cross\$3) same (line\$2 or segment\$2)) and (post\$3 or mail\$3 or envelop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/16 21:11